STATISTICS

1. What represent a population parameter?

A) SD B) mean C) both D) none

Answer : C) both

2. What will be median of following set of scores (18,6,12,10,15)?

A) 14 B) 18 C) 12 D) 10

Answer : C) 12

3. What is standard deviation?

A) An approximate indicator of how number vary from the mean

B) A measure of variability

C) The square root of the variance

D) All of the above

Answer : D) All of the above

4. The intervals should be \_\_\_\_\_\_ in a grouped frequency distribution

A) Exhaustive B) Mutually exclusive C) Both of these D) None

Answer : C) Both of these

5. What is the goal of descriptive statistics?

A) Monitoring and manipulating a specific data

B) Summarizing and explaining a specific set of data

C) Analyzing and interpreting a set of data

D) All of these

Answer : B) Summarizing and explaining a specific set of data

6. A set of data organized in a participant by variables format is called

A) Data junk B) Data set C) Data view D) Data dodging

B) Data set

7. In multiple regression,\_\_\_\_\_\_\_ independent variables are used A) 2 or more B) 2 C) 1 D) 1 or more

Answer : A) 2 or more

8. Which of the following is used when you want to visually examine the relationship between 2 quantitative variables?

A) Line graph B) Scatterplot C) Bar graph D) Pie graph

Answer : B) Scatterplot

9. Two or more groups means are compared by using

A) analysis B) Data analysis C) Varied Variance analysis D) Analysis of variance

Answer : D) Analysis of variance

10. \_\_\_\_\_\_\_is a raw score which has been transformed into standard deviation units?

A) Z-score B) t-score C) e-score D) SDU score

Answer : Z-score

11. \_\_\_\_\_\_\_is the value calculated when you want the arithmetic average?

A) Median B) mode C) mean D) All

Answer : C) mean

12. Find the mean of these set of number (4,6,7,9,2000000)?

A) 4 B) 7 C) 7.5 D) 400005.2

Answer : D) 400005.2

13. \_\_\_\_\_\_\_ is a measure of central tendency that takes into account the magnitude of scores?

A) Range B) Mode C) Median D) Mean

Answer : D) Mean

14. \_\_\_\_\_\_ focuses on describing or explaining data whereas \_\_\_\_\_\_involves going beyond immediate data and making inferences

A) Descriptive and inferences B) Mutually exclusive and mutually exhaustive properties C) Positive skew and negative skew D) Central tendency

Answer : A) Descriptive and inferences

15. What is the formula for range? A) H+L B) L-H C) LXH D) H-L Answer : D)H-L